

### CLAIMS

We claim:

1. A system for automatically generating orders for clinically related supplies, comprising:
  - an input interface to receive supply consumption data documented for at least one clinical event captured from at least one clinically related site; and
  - a supply chain engine, the supply chain engine communicating with the input interface to update supply inventory data to account for the supply consumption data and run reports against supply inventory data, and automatically generate orders for clinically related supplies based upon a state of the supply inventory data.
2. A system according to claim 1, wherein the clinically related site comprises at least one of a hospital facility, a research facility and a government facility.
3. A system according to claim 1, wherein the supply inventory data comprises at least one of clinically available quantities of surgical devices, clinically available quantities of pharmaceuticals and clinically available quantities of consumable material.
4. A system according to claim 3, wherein the supply chain engine generates a clinical supply order based upon at least one clinical quantity threshold.
5. A system according to claim 1, wherein the orders for clinically related supplies comprise purchase orders.
6. A system according to claim 1, wherein the supply consumption data comprises supply codes captured in the at least one clinically related site.
7. A system according to claim 6, wherein the supply codes comprise at least one of optically scanned bar codes, radio frequency identification codes and manually entered codes.

8. A system according to claim 1, wherein the orders for clinically related supplies are aggregated for transmission in batch mode.
9. A system according to claim 1, wherein the orders for clinically related supplies are transmitted in at least substantially realtime.
10. A system according to claim 1, wherein the orders for clinically related supplies are aggregated for a plurality of clinical departments.
11. A system according to claim 1, wherein the orders for clinically related supplies are communicated to a clinical outcomes store.
12. A system according to claim 1, wherein the orders for clinically related supplies are associated with an individual patient supply record.
13. A method for automatically generating orders for clinically related supplies, comprising:
  - receiving supply consumption data documented for at least one clinical event captured from at least one clinically related site;
  - updating supply inventory data to account for the supply consumption data;
  - running reports against the supply inventory data; and
  - automatically generating orders for clinically related supplies based upon a state of the supply inventory data.
14. A method according to claim 13, wherein the clinically related site comprises at least one of a hospital facility, a research facility and a government facility.

15. A method according to claim 13, wherein the supply inventory data comprises at least one of clinically available quantities of surgical devices, clinically available quantities of pharmaceuticals and clinically available quantities of consumable material.
16. A method according to claim 15, further comprising a step of generating a clinical supply order based upon at least one clinical quantity threshold.
17. A method according to claim 13, wherein the orders for clinically related supplies comprise purchase orders.
18. A method according to claim 13, further comprising a step of capturing supply codes captured in the at least one clinically related site.
19. A method according to claim 18, wherein the supply codes comprise at least one of optically scanned bar codes, radio frequency identification codes and manually entered codes.
20. A method according to claim 13, wherein the orders for clinically related supplies are aggregated for transmission in batch mode.
21. A method according to claim 13, wherein the orders for clinically related supplies are transmitted in at least substantially realtime.
22. A method according to claim 13, wherein the orders for clinically related supplies are aggregated for a plurality of clinical departments.
23. A method according to claim 13, further comprising a step of communicating the orders for clinically related supplies to a clinical outcomes store.
24. A method according to claim 13, further comprising a step of associating the orders for clinically related supplies with an individual patient supply record.

25. A transmissible order for clinically related supplies, the order for clinically related supplies being automatically generated according to a method of:

receiving supply consumption data documented for at least one clinical event captured from at least one clinically related site;

updating supplying inventory data to account for the supply consumption data;

running reports against the supply inventory data; and

automatically generating at least one order for clinically related supplies based upon a state of the supply inventory data.

26. An order for clinically related supplies according to claim 25, wherein the clinically related site comprises at least one of a hospital facility, a research facility and a government facility.

27. An order for clinically related supplies according to claim 25, wherein the supply inventory data comprises at least one of clinically available quantities of surgical devices, clinically available quantities of pharmaceuticals and clinically available quantities of consumable material.

28. An order for clinically related supplies according to claim 27, wherein the method further comprises a step of generating the at least one clinical supply order based upon at least one clinical quantity threshold.

29. An order for clinically related supplies according to claim 25, wherein the at least one order for clinically related supplies comprises a purchase order.

30. An order for clinically related supplies according to claim 25, wherein the method further comprises a step of capturing supply codes captured in the at least one clinically related site.

31. An order for clinically related supplies according to claim 30, wherein the supply codes comprise at least one of optically scanned bar codes, radio frequency identification codes and manually entered codes.
32. An order for clinically related supplies according to claim 25, wherein the at least one order for clinically related supplies is aggregated with other orders for transmission in batch mode.
33. An order for clinically related supplies according to claim 25, wherein the at least one order for clinically related supplies is transmitted in at least substantially realtime.
34. An order for clinically related supplies according to claim 25, wherein the at least one order for clinically related supplies is aggregated with other orders for a plurality of clinical departments.
35. An order for clinically related supplies according to claim 25, wherein the method further comprises a step of communicating the at least one order for clinically related supplies to a clinical outcomes store.
36. An order for clinically related supplies according to claim 25, wherein the method further comprises a step of associating the at least one order for clinically related supplies with an individual patient supply record.